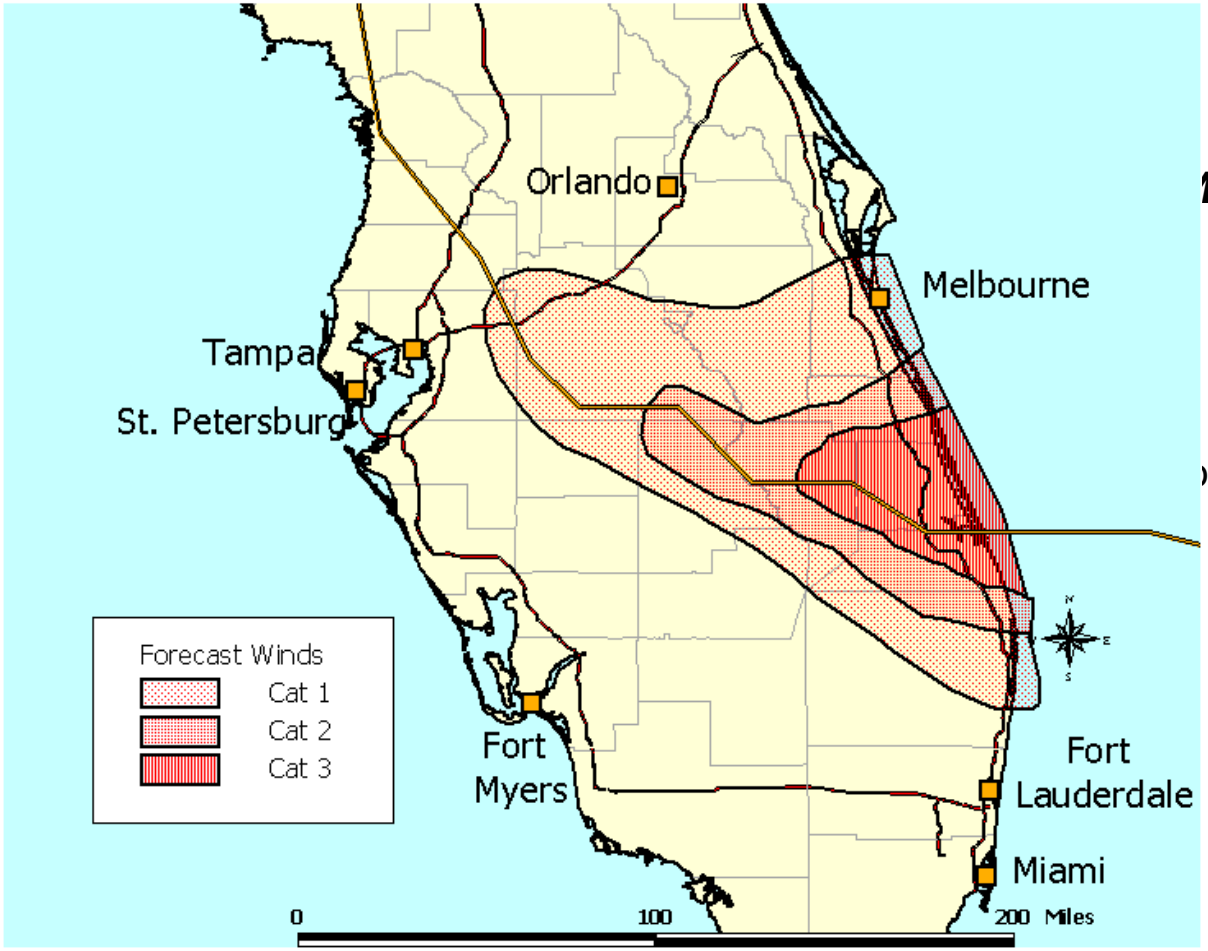
Hurricane Jeanne Wind Distribution

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Wind Distribution

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/27/2004)*** forecast.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Wind Field

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

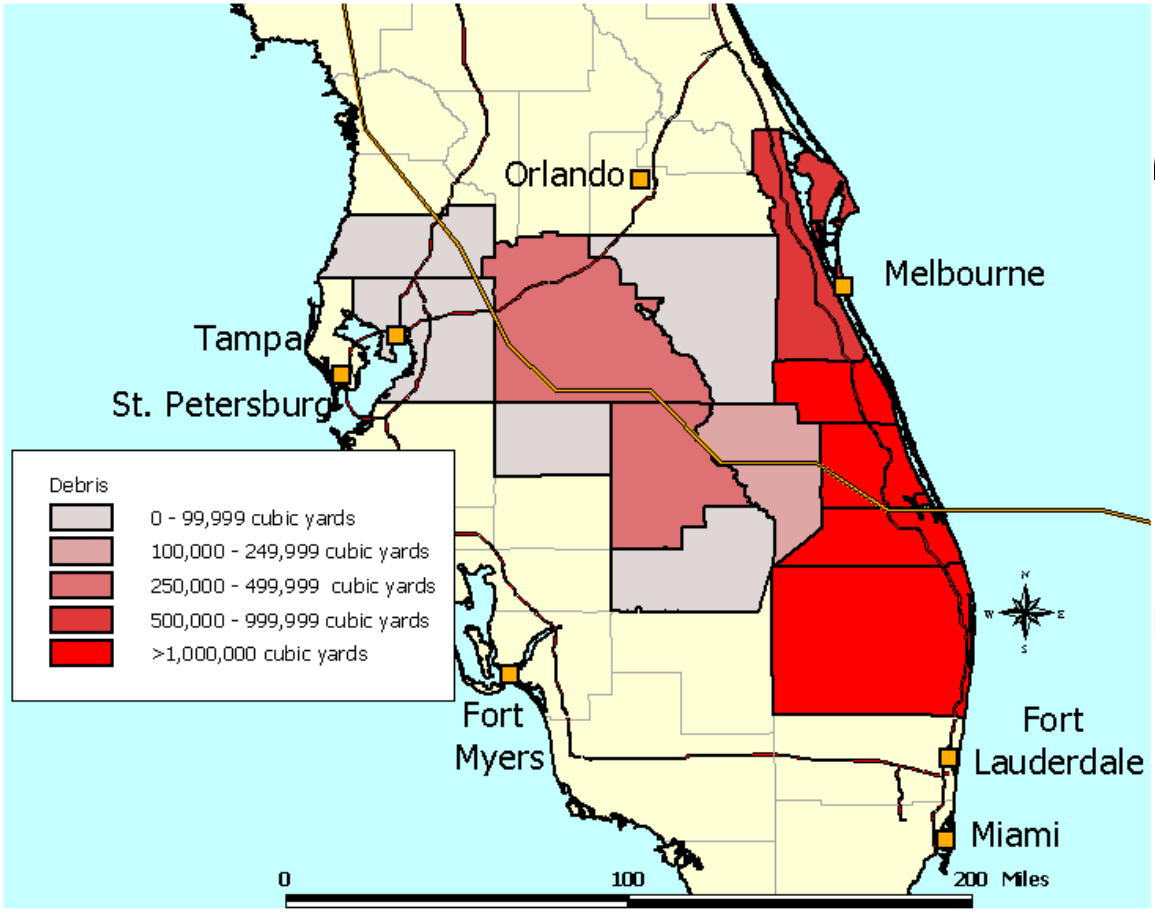
Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/27/2004

Hurricane Jeanne Debris Model

Landfall Plus about **24** Hours

For Official Use Only!



Most Probable Landfall Debris Model Results

Florida – 12,675,000 yd³

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/27/2004)*** historic track.

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Debris Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/27/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Debris Model

Landfall Plus about **24** Hours

For Official Use Only!

State	County	Yards per County
Florida		
	Brevard	813,000
	Glades	5,000
	Hardee	18,000
	Highlands	373,000
	Hillsborough	61,000
	Indian River	2,093,000
	Martin	2,864,000
	Okeechobee	255,000
	Osceola	68,000
	Palm Beach	2,483,000
	Pasco	6,000
	Polk	435,000
	St Lucie	3,201,000
TOTAL		12,675,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Debris Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

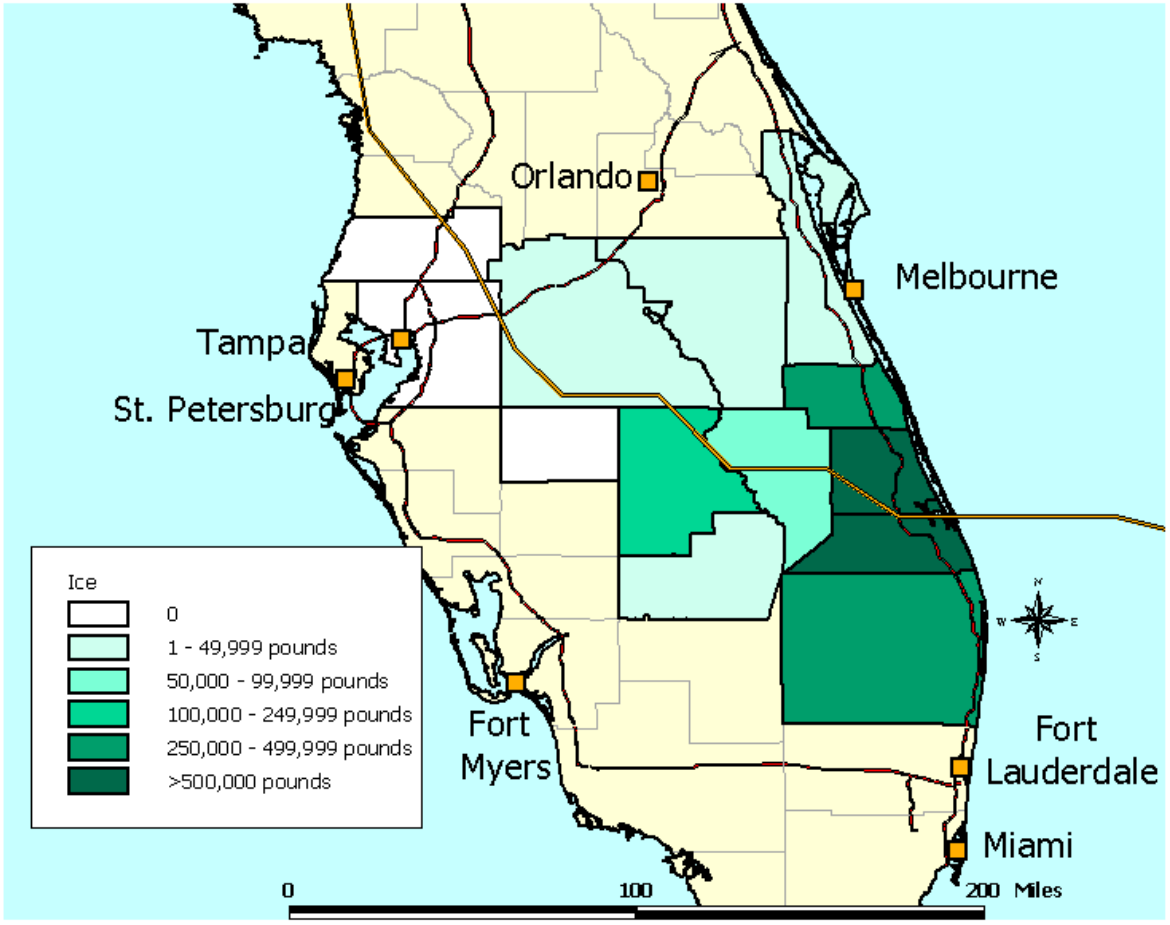
Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/27/2004

Hurricane Jeanne Ice Model

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Ice Model Results

Florida – 2,273,000 pounds

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/27/2004)*** historic track.

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per day per person) and Ice SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Ice Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/27/2004

Hurricane Jeanne Ice Model

Landfall Plus About **24** Hours

For Official Use Only!

State	County	Pounds per County
Florida		
	Brevard	5,000
	Glades	< 1,000
	Highlands	100,000
	Indian River	390,000
	Martin	523,000
	Okeechobee	77,000
	Osceola	< 1,000
	Palm Beach	320,000
	Polk	10,000
	St Lucie	848,000
TOTAL		2,273,000

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 60% of the resident population affected by Jeanne will have power outage in this area will cause a need for ice.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Ice Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

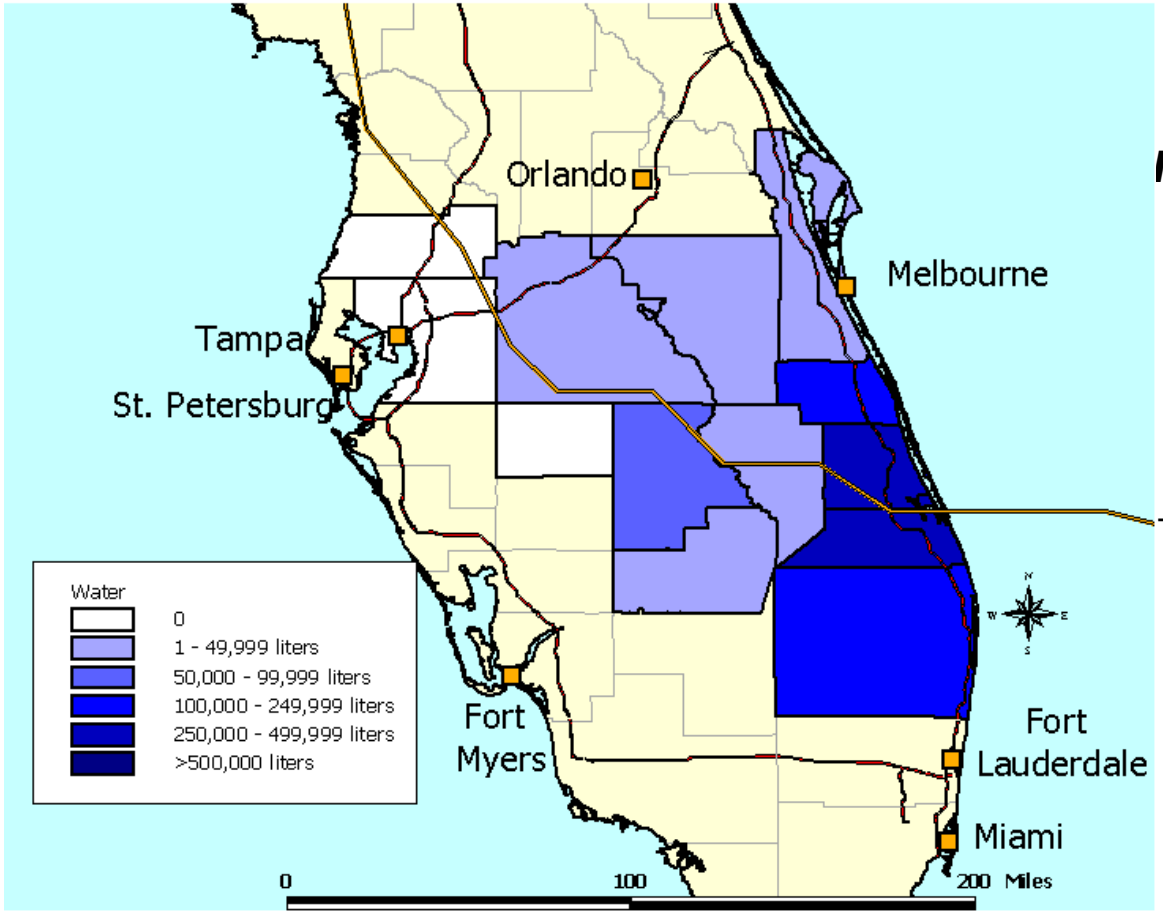
Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/27/2004

Hurricane Jeanne Water Model

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Water Model Results

Florida – 1,135,000 Liters

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/27/2004)*** historic track.

The amount of water forecasted is based on Mission Guide Book requirements (4 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Water Model

Sources: HURREVAC, LRL-DEBRIS

CELRL-OP GIS Group — Louisville Operations Division GIS

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/27/2004

Hurricane Jeanne Water Model

Landfall Plus About 24 Hours

For Official Use Only!

State	County	Liters per County
Florida		
	Brevard	2,000
	Glades	< 1,000
	Highlands	50,000
	Indian River	195,000
	Martin	261,000
	Okeechobee	38,000
	Osceola	< 1,000
	Palm Beach	160,000
	Polk	5,000
	St Lucie	424,000
TOTAL		1,135,000

The amount of water forecasted is based on Mission Guide Book requirements (4 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 60% of the resident population affected by Jeanne will have power outage in this area will cause a need for water.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Water Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/27/2004

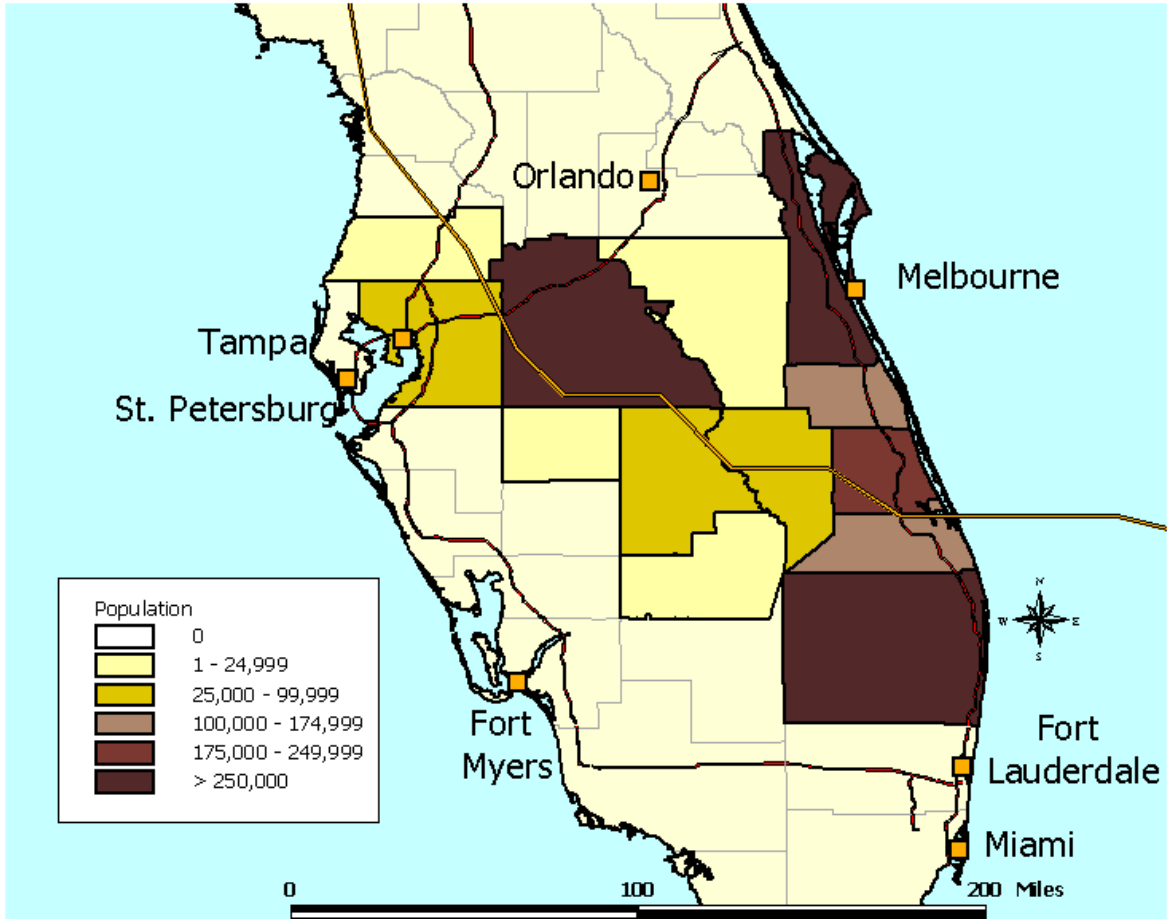
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Population Model

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Population Model Results

Florida – 2,138,000 persons

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/27/2004)*** historic track.

The number of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Population Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/27/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Population Model

Landfall Plus About **24** Hours

For Official Use Only!

State	County	Population
Florida		
	Brevard	274,000
	Glades	2,000
	Hardee	10,000
	Highlands	79,000
	Hillsborough	55,000
	Indian River	112,000
	Martin	126,000
	Okeechobee	36,000
	Osceola	9,000
	Palm Beach	784,000
	Pasco	< 1,000
	Polk	458,000
	St Lucie	193,000
TOTAL		2,138,000

The number of persons estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Population Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/27/2004

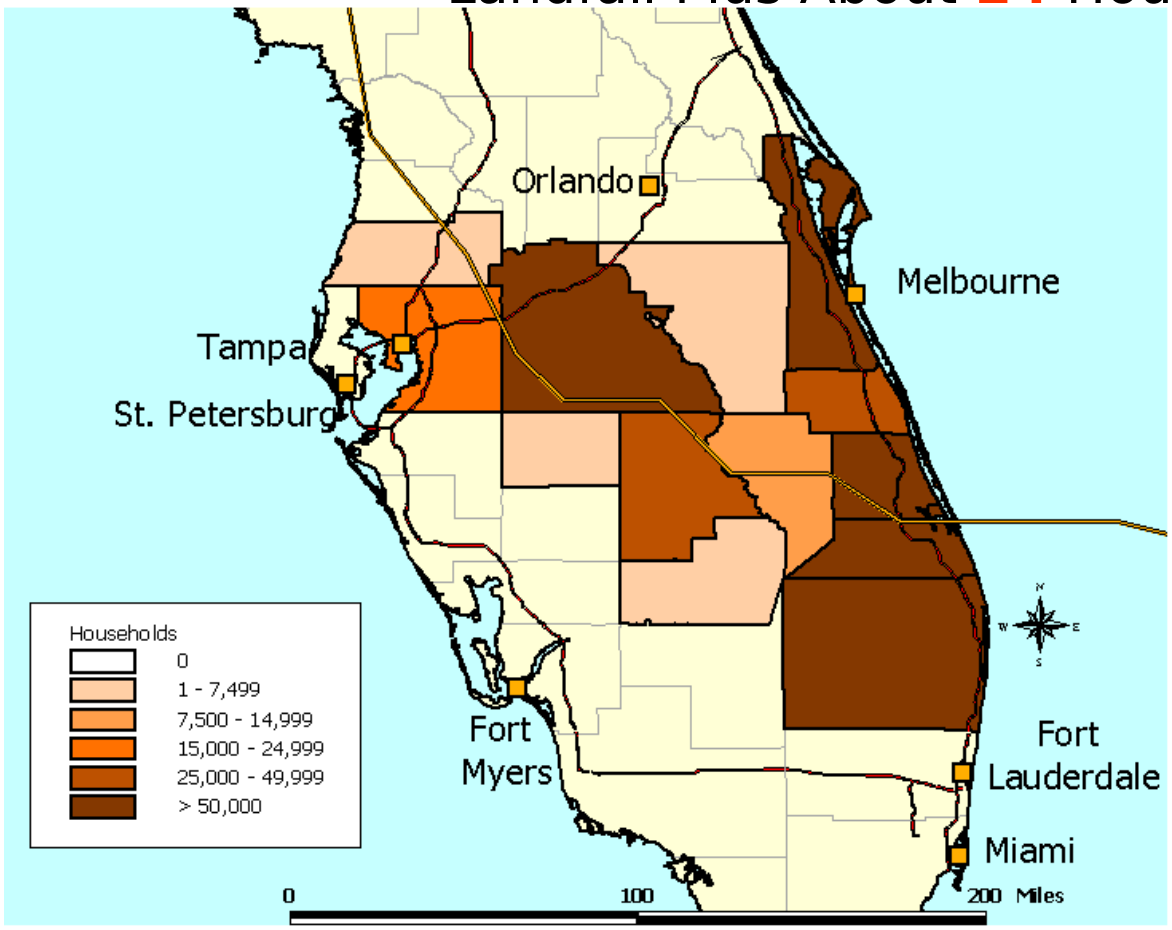
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Households Model

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Households Model Results

Florida – 867,000 households

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/27/2004)*** historic track.

The number of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Households Model

Sources: HURREVAC LRL-DEBRIS

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/27/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Households Model

Landfall Plus About **24** Hours

For Official Use Only!

State	County	Households
Florida		
	Brevard	115,000
	Glades	< 1,000
	Hardee	3,000
	Highlands	34,000
	Hillsborough	19,000
	Indian River	49,000
	Martin	55,000
	Okeechobee	13,000
	Osceola	3,000
	Palm Beach	321,000
	Pasco	< 1,000
	Polk	178,000
	St Lucie	77,000
TOTAL		867,000

The number of households estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Households Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

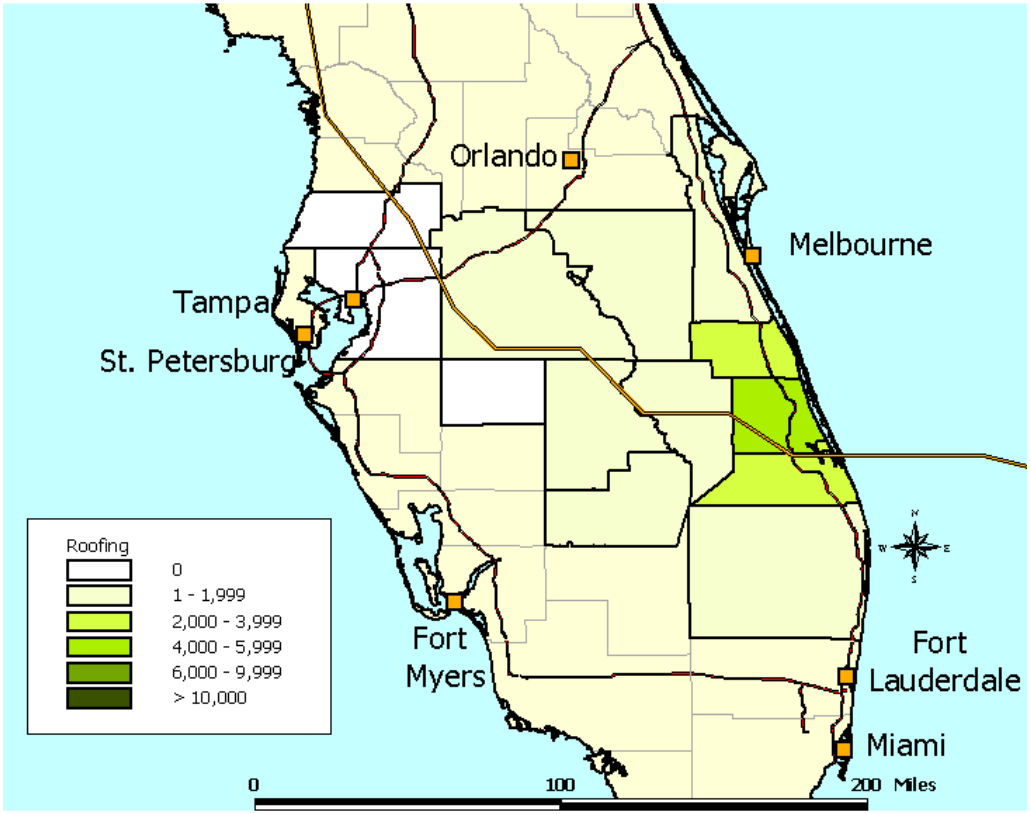
Generated Date
0630 EDT
09/27/2004

CELRL-OP GIS Group

Hurricane Jeanne
Temporary Roofing Model Results

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Temporary Roofing Model Results

Florida – 14,600 structures

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500EDT 9/27/2004)*** historic track.

The amount of temporary roofing that may be required is based on no roofing need in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, and 7% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Temp Roofing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/27/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Roofing Model Results

Landfall Plus About **24** Hours

For Official Use Only!

State	County	Structures per County
Florida		
	Brevard	< 100
	Glades	< 100
	Highlands	600
	Indian River	2,700
	Martin	3,700
	Okeechobee	400
	Osceola	< 100
	Palm Beach	1,800
	Polk	< 100
	St Lucie	5,400
TOTAL		14,600

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary roofing that may be required is based on no roofing need in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, and 7% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Roofing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/27/2004

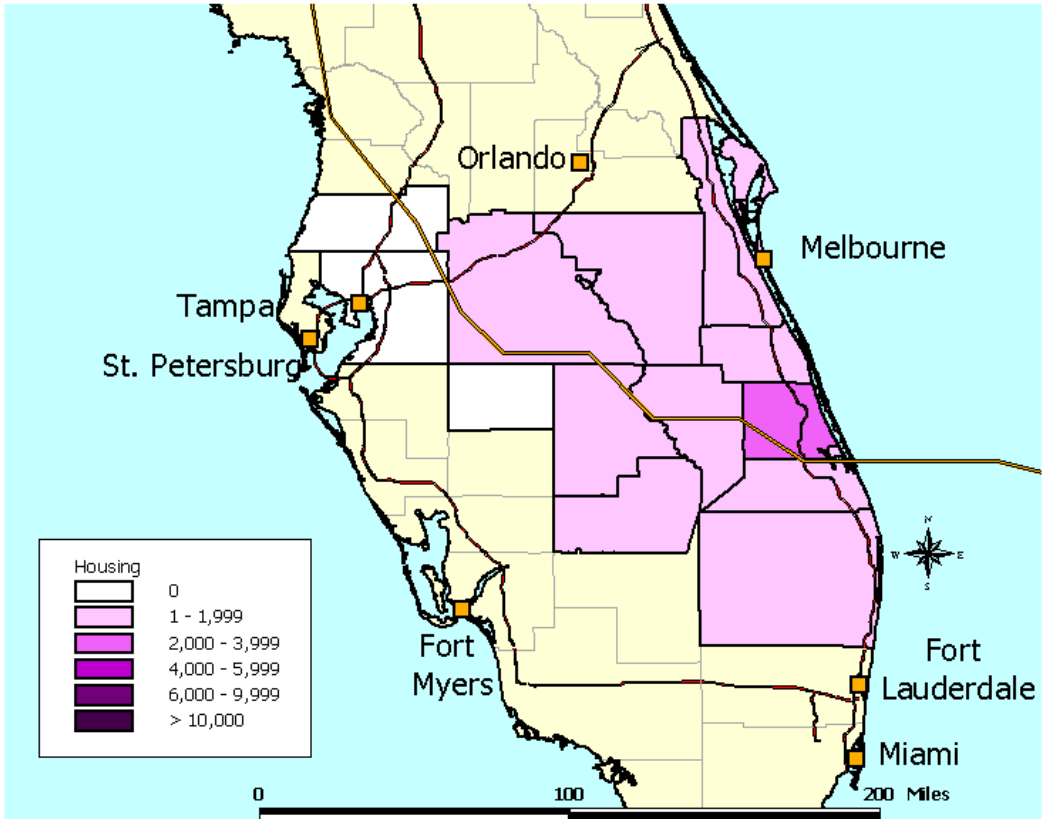
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Housing Model Results

Landfall Plus About **24** Hours

For Official Use Only!



Most Probable Landfall Temporary Housing Model Results

Florida – 7,000 structures

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC (***0500 9/27/2004***) historic track.

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units lost in CAT 2 wind areas, and 3% of housing units lost in CAT 3 wind areas.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Housing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/27/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Housing Model Results

Landfall Plus About **24** Hours

For Official Use Only!

State	County	Structures per County
Florida		
	Brevard	< 100
	Polk	< 100
	Osceola	< 100
	Indian River	1,300
	Highlands	400
	Okeechobee	200
	St Lucie	2,300
	Glades	< 100
	Martin	1,600
	Palm Beach	1,200
TOTAL		7,000

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units lost in CAT 2 wind areas, and 3% of housing units lost in CAT 3 wind areas.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Housing Model

Sources:
HURREVAC
LRL-DEBRIS

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